

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter Small Entity

22278 U.S. PTO  
10/727025



COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n):

- (X) Utility ( ) Design (X) original patent application,  
( ) continuing application,  
( ) continuation-in-part ( ) continuation or ( ) divisional of S/N \_\_\_\_\_ filed \_\_\_\_\_

INVENTOR(S): Baohua Qi, 939 Buena Vista Drive, S.E., Suite F110, Albuquerque, NM 87106  
& Benjamin R. Mattes, 15 Calle Encanto, Santa Fe, NM 87506

TITLE: RESISTIVE HEATING USING POLYANILINE FIBER

Enclosed are:

- (X) Specification 29 pages, including 6 pages claims and 1 page Abstract ( ) Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i) (form PTO/SB/35 is attached)  
(X) The Declaration and Power of Attorney. ( ) signed (X) unsigned or partially signed ( ) Certified Copy of Priority Document(s) (if foreign priority is claimed)  
(X) 20 sheets of (X) formal drawings ( ) informal drawings (X) Return Receipt Postcard (MPEP 503)  
( ) Information Disclosure Statement and Form PTO-1449 ( ) Other: \_\_\_\_\_  
( ) Assignment Papers (cover sheet & document(s)) & \$40.00 recording fee

CLAIMS AS FILED BY SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	40 - 20	20	X \$9	\$180.00
INDEPENDENT CLAIMS	3- 3	0	X \$43	\$0
ANY MULTIPLE DEPENDENT CLAIMS			X \$145	\$
BASIC FEE: Design (\$170); Utility (\$385)				\$385.00
TOTAL FILING FEE				\$565.00
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$

- (X) Applicant claims small entity status. See 37 CFR 1.27.  
(X) Attached is a check for \$565.00.  
( ) Please charge to Deposit Account 50-1491 the amount of \$ \_\_\_\_\_.  
(X) At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1491 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1491 under 37 CFR 1.19, 1.20 and 1.21. **A duplicate copy of this sheet is enclosed.**

"Express Mail" label no.: EL 975281525 US

Date of Deposit: December 2, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail" Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the  
**Mail Stop Patent Application, Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450**

By: Zabrina Perry  
Typed Name: Zabrina Perry

Respectfully submitted,

By: Samuel M. Freund  
Samuel M. Freund  
Attorney/Agent for Applicant(s)  
Reg. No.: 30,459  
Telephone No.: 970-377-6363

Date: December 2, 2003